Lubricant, Grease
Gen. Purpose
DPM 327
1/16/80

TEXACO INC.
INDUSTRIAL HYGIENE, TOXICOLOGY, AND MATERIAL SAFETY DATA SHEET

NOTE: NO REPRESENTATION IS MADE AS TO THE ACCURACY OF THE INFORMATION HEREIN. SEE PAGE 4 FOR CONDITIONS UNDER WHICH DATA ARE FURNISHED.

JAN 15 1982

Trade Name and Synonyms
940 Regal AFB 2

Manufacturer's Name: Texaco Inc.
Emergency Telephone No.: (914) 831-3400 Ext. 406

Address: P.O. Box 509, Beacon, NY 12508

Chemical Name and/or Family or Description: N.A.

THIS PRODUCT IS CLASSIFIED AS:
____ HAZARDOUS BY DEFINITION NO.(S) ____
_X_ NOT HAZARDOUS:
____ ON ATTACHED EXPLANATION SHEET 4.

WARNING STATEMENT: None considered necessary.

PHYSIOLOGICAL EFFECTS:

Effects of Exposure

Acute:

Eyes: N.D. Believed to be minimally irritating.

Skin: N.D. Believed to be minimally irritating.

Respiratory System: N.D. Believed to be minimally irritating.

Chronic: N.D.

Other: -

Sensitization Properties

Skin: Yes____ No_X__ Unknown____

Respiratory: Yes____ No_X__ Unknown____

Median Lethal Dose (LD_{50}, LC_{50}) (Species)

Oral: N.D. Believed to be >5 gm/kg (rat)

Inhalation: N.D.

Dermal: N.D. Believed to be >10 gm/kg(rabbit)

Other: -

Irritation Index, Estimation of Irritation (Species)

Skin: N.D.; see above

Eyes: N.D.; see above

Symptoms of Exposure: N.D. None expected other than possible minimal irritation.

EMERGENCY AND FIRST AID PROCEDURES

First Aid

Eyes: As with most foreign materials, should eye contact occur, flush eyes with plenty of water.

Skin: None considered necessary.

Ingestion: None considered necessary.

Inhalation: None considered necessary.

Other Instructions: None

*N.D.—Not Determined; *N.A.—Not Applicable
〈—Less Than; 〉—Greater Than

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OCCUPATIONAL CONTROL PROCEDURES

Code No. 940

Protective Equipment (Type)

Eyes Protective goggles or face shield optional.

Skin Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin areas several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.

Inhalation None required.

Ventilation Required: Normal X Other

Precautionary Label

None Considered Necessary.

Permissible Concentrations:

Air None established for greases Other -

Requirements for Transportation, Handling and Storage

No Special Requirements

DOT Proper Shipping Name: N.A.

DOT Hazard Class (if applicable) N.A.

CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point (°F) N.D. Vapor Pressure Nil (mmHg)

Specific Gravity N.D. ($H_2O = 1$) Vapor Density N.D. (Air = 1)

Appearance and Odor Tan

pH of undiluted product N.D. Solubility Insoluble

Percent Volatile by Volume Nil Evaporation N.D. ( )=1

Viscosity N.D. Other -

Hazardous Polymerizations _____ Occur X Do not occur

The Material Reacts Violently With: None of those listed below.

Air Water Heat Strong Oxidizers Others

FIRE PROTECTION INFORMATION

Ignition Temp. °F N.D. Flash Point F. (Method) N.D. for greases

Flammable limits % Lower N.D. Upper N.D.

Products Evolved When Subjected to Heat or Combustion Carbon monoxide, carbon dioxide, oxides of nitrogen, oxides of sulfur, aldehydes and ketones.

Recommended Fire Extinguishing Agents and Special Procedures According to the National Fire Protection Association Guide 325M, mineral oil fires may be extinguished by water spray, dry chemical, foam, or carbon dioxide. Caution: Water or foam may cause frothing.

Unusual Fire or Explosive Hazards None indicated.

COMPOSITION

Code No. 940

Components Presenting a Significant Hazard	%	Other Components	%
None.		Mineral oil	87
		Lithium hydroxide	1
		Methyl 12-hydroxystearate	9
		Phenyl-alpha-naphthylamine	1
		Fatty amine	2

ENVIRONMENTAL PROTECTION

Waste Disposal Method Dispose in accordance with local laws and regulations governing disposal of oily wastes. A waste oil contractor or disposal specialist is suggested.

Procedures in Case of Breakage or Leakage Contain spill. Absorb with inert porous material. Dispose in accordance with local laws and regulations governing disposal of oily wastes. Contact a waste oil contractor or disposal specialist if necessary.

Remarks:
None.

ADDITIONAL COMMENTS

TEXACO INTENDS TO COMPLY FULLY WITH PROVISIONS OF THE TOXIC SUBSTANCES CONTROL ACT

State of Michigan Critical Materials Act (Revised 1979).

0.18% lithium; 3% amine

Maximum usable temperature 250°F

To determine applicability or effect of any law or regulation with respect to this product, user should consult his legal advisor or the appropriate government agency. Texaco does not undertake to furnish advice on such matters.

By: R. T. Richards Title: Manager, Industrial Hygiene and Toxicology

Date: 1/1/78 X New ☐ Revised, Supersedes

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NOTE: THIS DATA IS FURNISHED GRATUITOUSLY AT YOUR REQUEST INDEPENDENT OF ANY SALE OF THE PRODUCT, ONLY FOR YOUR INVESTIGATION AND INDEPENDENT VERIFICATION. WHILE THE INFORMATION IS BELIEVED TO BE CORRECT, TEXACO INC. MAKES NO REPRESENTATION AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. TEXACO INC. DOES NOT ACCEPT RESPONSIBILITY TO CORRECT DATA HEREIN IF TEXACO INC. ACQUIRES ADDITIONAL INFORMATION NOR DOES TEXACO INC. ACCEPT RESPONSIBILITY TO FURNISH REVISED INFORMATION IN THE EVENT TEXACO'S FORMULA IS CHANGED. TEXACO INC. SHALL IN NO EVENT BE RESPONSIBLE FOR ANY DAMAGES OF WHATSOEVER NATURE DIRECTLY OR INDIRECTLY RESULTING FROM THE PUBLICATION OR USE OF OR RELIANCE UPON DATA CONTAINED HEREIN. **NO WARRANTY, EITHER EXPRESS OR IMPLIED OF MERCHANTABILITY OR FITESS OR OF ANY NATURE WITH RESPECT TO THE PRODUCT OR TO THE DATA HEREIN IS MADE HEREUNDER.**

EXPLANATION OF THE INDUSTRIAL HYGIENE, TOXICOLOGY, AND MATERIAL SAFETY DATA SHEET

Product Information

Trade Name and Synonyms

Refer to the code number and name under which the product is marketed and the common commercial name of the product.

Manufacturer's Name and Address Self explanatory.

Chemical Name and/or Family or Description

Refers to chemical, generic, or descriptive name of single elements and compounds.

For purposes of this form, a product is defined as hazardous if it possesses one or more of the following characteristics: (1) has a flash-point below 200°F, closed cup or subject to spontaneous heating; (2) has a threshold limit value below 500 ppm for gases and vapor, below 5 mg/m^3 for dusts, fumes and mist, and below 25 MPPCF for mineral dust; (3) a single dose oral LD50 below 500 mg/kg; (4) causes burns to the skin in the short-term exposure or is systemically toxic by skin contact; (5) has been demonstrated to be a skin or eye irritant or causes respiratory irritation; (6) may cause skin or respiratory sensitization; (7) has teratogenic, mutagenic or other toxic effects; (8) may cause asphyxia or pneumonoconiosis; (9) in the course of normal operations may produce dusts, gases, fumes, vapors, mist or smoke which have one or more of the above characteristics.

Physiological Effects

Acute Exposures (Eye, Skin, Respiratory System)

Refers to the most common effects that would be expected to occur from direct contact with the product.

Chronic

Refers to the effects that are most likely to occur from repeated or prolonged exposure.

Sensitizer

Means a substance which will cause on or in normal living tissue, through an allergic or photodynamic process, a hypersensitivity which becomes evident on reapplication of, or exposure to, the same substance.

Median Lethal Dose or Concentration (LD50, LC50)

Refers to that dose or concentration of the material which will produce death in 50 per cent of the animals. For inhalation, exposure time is indicated.

Irritation Index

Refers to an empirical score (Draize Method) for eye and skin irritation when tested by the method described. If numbers are not available, a yes or no answer indicates whether or not the material is an irritant.

Emergency and First Aid Procedures

Gives first aid and emergency procedures in case of eye and/or skin contact, ingestion and inhalation.

Occupational Control Procedures

Protective Equipment

Type of protective equipment that is necessary for the safe handling and use of this product.

Ventilation

Ventilation: type, i.e. local exhaust, mechanical, etc.

Precautionary Label

Label that is required or recommended.

Permissible Concentrations

Indicates Threshold Limit Value (TLV) and/or Time Weighted Average (TWA) as established by the American Conference of Governmental Industrial Hygienists and/or standards promugated by the Occupational Safety and Health Administration.

Requirements for Transportation, Handling and Storage

Specifies handling and storage procedures. Gives ICC, DOT, or other regulations related to safety and health for transportation.

Chemical and Physical Properties

Boiling Point (or Range)

In degrees F. (or C.), Boiling Point at 760 mmHg.

Vapor Pressure

Refers to pressure of saturated vapor above the liquid expressed in mm of Hg. at 20°C. or 68°F.

Specific Gravity

The ratio of the density of the product to the density of water.

Vapor Density

The ratio of the density of the vapor at saturation concentrations (20°C. or 68°F. to the density of air at 760 mmHg.)

Appearance and Odor

Refers to the general characterization of the material, e.g. powder, colorless liquid, aromatic odor, etc.

pH

Refers to the degree of acidity or basicity of the material in a specific concentration.

pH1-5 —strongly acidic
pH5-7 —weakly acidic
pH7-9 —weakly basic
pH9-14—strongly basic

Solubility

Refers to the solubility of a material by weight in water at room temperature. The terms negligible, less than 0.1 percent; slight, 0.1 to 1%; moderate, 1 to 10%; appreciable 10% or greater. Gives solubility in organic solvents where appropriate.

Percent volatile by volume amount volatized at 20°C. or 68°F. when allowed to evaporate.

Evaporation

Gives the rate of evaporation compared to a standard.

Viscosity

Measure of flow characteristics in Kinematic viscosity or Saybolt Universal Seconds.

Hazardous Polymerization

Hazardous polymerization is that reaction which takes place at a rate which releases large amounts of energy. Indicates whether it may or may not occur and under what storage conditions.

Does the Material React Violently

Indicates whether the material will react violently, releasing large amounts of energy when exposed under conditions listed.

Fire Protection Information

Ignition Temperature

Refers to the minimum temperature at which ignition will occur and burning will continue without further heating or application of flame.

Flash Point (State Method Used)

Refers to the temperature in degrees F., at which a liquid will give off enough flammable vapor to ignite.

Flammable Limits

Refers to the range of gas or vapor concentration (percent by volume in air) which will burn or explode if an ignition source is present. Lower means the lower flammable limit and upper means the upper flammable limit given in percent.

Products Evolved When Subjected to Heat or Combustion

The products evolved when this material is subjected to heat or combustion. Includes temperature at which oxidation or other forms of degradation occurs.

Recommended Fire Extinguishing Agents and Special Procedures

Specifies the fire fighting agents that should be used to extinguish fires. If unusual fire hazards are involved or special procedures indicated, this is specified.

Unusual Fire or Explosive Hazards

Specific hazards to personnel in case of fire, explosive danger.

Composition

Components of the product as manufactured.

Environmental Protection

Specifies how this product can be successfully disposed of.

Indicates precautions necessary in the event that leakage or breakage occurs. Included are (a) clean-up procedures, (b) personal protective equipment if necessary, and (c) hazards that may be created, i.e. fire, explosion, etc.

Texaco Inc.
2000 Westchester Avenue
White Plains, New York 10650
Phone (914) 253-4000 (White Plains)
(914) 831-3400 (Beacon)